

Art Unit: 2142

CLMPTO

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Claim 1 (Twice Amended). An apparatus comprising:

at least one processor;

a memory coupled to the at least one processor;

a computer program residing in the memory, said computer program including a object reference server mechanism comprising a web server for bootstrapping a remote second apparatus comprising a web browser, said web server of said object reference server mechanism delivering an object reference for a naming context object to said web browser of said remote second apparatus upon request of said second apparatus.

2. (Amended) The apparatus of claim 1 wherein said computer program [object reference server mechanism] comprises a web server.

3. (Amended) The apparatus of claim 1 wherein said contact with said computer program is accomplished by [second apparatus comprises] a web browser located on said zero install client.

4. The apparatus of claim 2 wherein said object reference is stored in a web server directory.

5. The apparatus of claim 1 wherein said object reference comprises a stringified object reference.

Claim 6. (Amended) The apparatus of claim 1 wherein said object reference comprises a stringified object reference and wherein said naming context object comprises a root naming context object.

7. (Amended) A method for enabling client object - server object interaction [bootstrapping an object client to a remote object server wherein the object server includes a plurality of objects including at least one naming context object], the method comprising the steps of:

- a) creating an object reference for [said] at least one naming context object on a server system; and
- b) [storing said object reference in a object reference server directory;
- c)]downloading said object reference from [said object reference server directory to an object client when said object client attempts to access objects on said remote object server] said server system to a client system after said client system has contacted said server system, said client system being a zero install client.

8. The method of claim 7 wherein the step of creating an object reference comprises creating a stringified object reference.

9. The method of claim 7 wherein said naming context object comprises a root naming context object.

CLAIM 10 CANCELLED

- 1 11. (Amended) The method of claim 7 wherein said contact with said server system is
- 2 accomplished by [object client comprises] a web browser executing on said client system
- 3 and wherein the step of downloading said object reference [from said object reference
- 4 server directory] comprises downloading by a web server application.

CLAIMS 12-14 CANCELLED

15. (Twice Amended) The method of claim [7] 11 wherein said web browser comprises a Java-enabled web browser.

16. (Twice Amended) The method of claim [7] 11 wherein said web browser comprises a Java-enabled web browser containing a CORBA compliant Java Object Request Broker.

17. (Twice Amended) The method of claim [7] 11 wherein said server system further includes a location service application, and wherein said step of downloading said object reference is performed by a web server application in said server system.

18. (Amended) The method of claim 17 wherein said web server [the object server] includes a name object server.

19. (Amended) The method of claim [7] 17 [wherein the object reference server comprises a web server and the object client comprises a web browser and] further comprising the steps of:

 downloading an applet from said web server to said web browser and running said applet on said web browser;

 downloading an object request broker from said web server;

requesting said object reference from said web server; and
retrieving a proxy for said naming context object using said retrieved object
reference.

20. The method of claim 19 wherein the step of downloading said object request
broker comprises downloading the class of said object request broker from the web
server.

21. (Amended) A program product comprising:

(A)[a computer program including a object reference server mechanism for
bootstrapping a remote second apparatus, said object reference server mechanism
delivering an object reference for a naming context object to said remote apparatus upon
request of said apparatus] a computer program, said computer program enabling client
object - server object interaction for a client object located on a zero install client, said
client object - server object interaction being enabled by delivering an object reference for
a naming context object to said zero install client after said zero install client has contacted
said computer program; and

(B) signal bearing media bearing said computer program [object reference server
mechanism].

22. The program product of claim 21 wherein the signal bearing media comprises
recordable media.

23. The program product of claim 21 wherein the signal bearing media comprises
transmission media.

24. (Amended) The program product of claim 21 wherein said naming context object is delivered to [apparatus comprises] a remote web browser located on said zero install client.
25. (Amended) The program product of claim 21 wherein said [object reference server mechanism] computer program comprises a web server having access to said object reference.
26. The program product of claim 21 wherein said object reference comprises a stringified object reference.
27. The program product of claim 21 wherein said object reference comprises a stringified object reference of a root naming context object.

Claim 28 (Twice Amended). A program product comprising:

(A) a applet, said applet including an object reference uniform resource locator for retrieving an object reference for a naming context object from a web server apparatus having access to said object reference, said applet requesting said object reference for said naming context object using said uniform resource locator; and

(B) signal bearing media bearing said applet.

Art Unit: 2142

29.^R The program product of claim 28 wherein the signal bearing media comprises recordable media.

30. The program product of claim 28 wherein the signal bearing media comprises transmission media.

31. The program product of claim 28 wherein the signal bearing media comprises the Internet.

32. The program product of claim 28 wherein said server apparatus comprises a web server having access to said object reference.

- ~~33.~~ An apparatus comprising:
- at least one processor;
 - a memory coupled to the at least one processor;
 - a server system, said server system comprising:
 - a) at least one object server, said at least one object server including a naming context object;
 - b) a web server, said web server having access to a stringified object reference for said naming context object, wherein said web server downloads said stringified object reference to a web browser when said stringified object reference is requested by said web browser.

34. (Amended) A method for enabling client object - server object interaction
[bootstrapping an object client to a remote object server wherein the object server includes a plurality of objects including at least one naming context object], the method comprising the steps of:

e) requesting said object reference from said web server; and

f) retrieving a proxy for said naming context object using said retrieved object reference.

35. The method of claim 34 wherein the object request broker comprises a Java object request broker.

36. The method of claim 34 wherein the object reference comprises a stringified object reference.

CLAIMS 37-38 CANCELLED

39. (Amended) The method of claim 34 wherein the step of downloading an object request broker comprises downloading a Java [java] object request broker.
